



FACT SHEET #8:

Wind Barriers

Wind barriers are placed along one or more sides of a job site to reduce the amount of windblown dust leaving the site. Creating a wind barrier could involve installing wind fences, constructing berms, or parking onsite equipment so that it blocks the wind. Alone, these barriers are not adequate for controlling dust. Wind barriers must be implemented together with the application of water or dust palliatives. These barriers increase the dust control effectiveness of water or palliative application.

Maricopa County Earthmoving Permits require that fugitive dust generated from all earthmoving activities be controlled.

Effective wind barriers/fences on the job site are:

- 3 to 5 feet high adjacent to roads and urban areas
- Made of material with a porosity of 50 percent or less.

Effective wind barriers / temporary enclosures for storage piles are:

- A three-sided structure as high as the pile
- Made of material with a porosity of 50 percent or less.